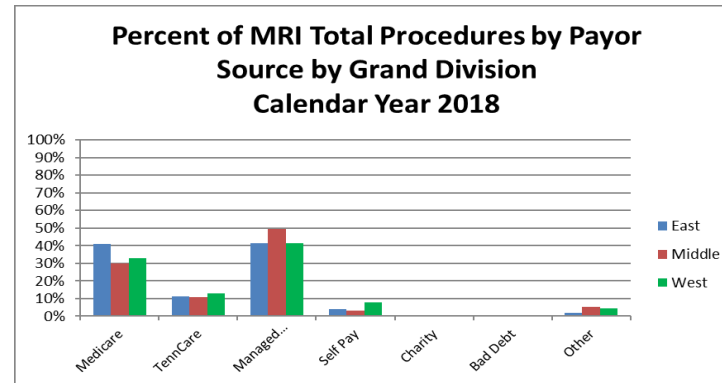
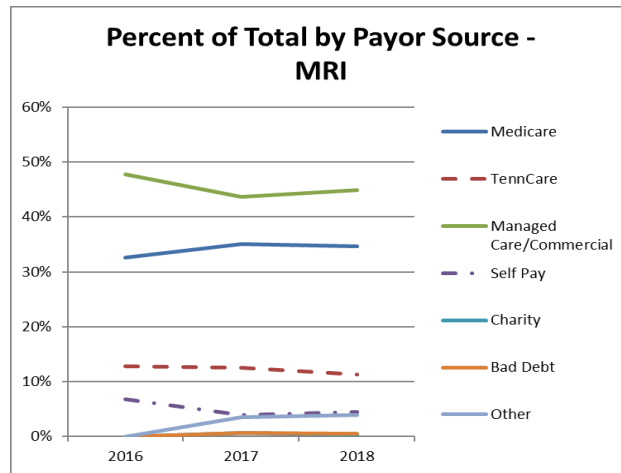


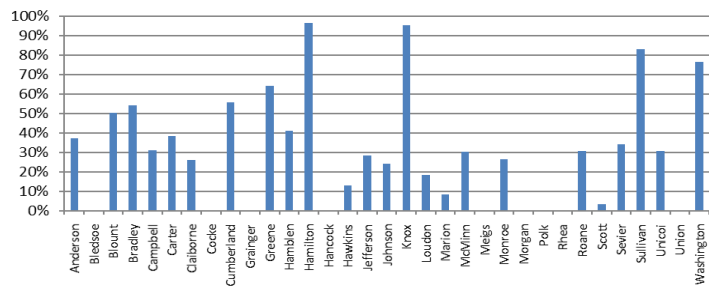
**Medical Equipment Charts  
Magnetic Resonance Imaging (MRI)**



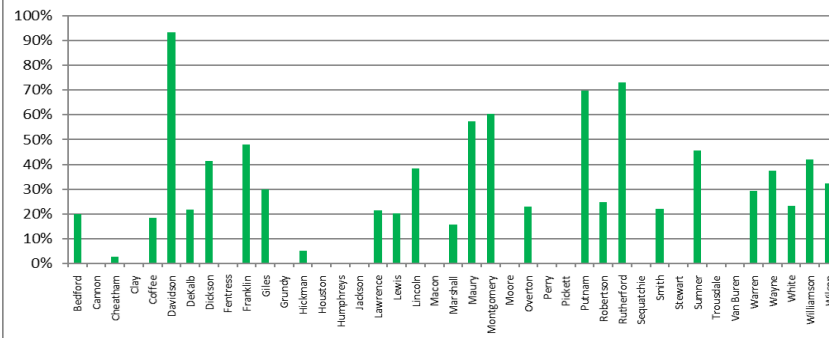
Top Ten Health Care Providers With the Most MRI Procedures Performed (By Calendar Year)					
2016		2017		2018	
Vanderbilt University Hospital (Davidson)	4.29%	Vanderbilt University Hospital (Davidson)	4.67%	Vanderbilt University Hospital (Davidson)	4.65%
Physicians Regional Medical Center (Knox)	3.68%	University of Tennessee Med. Ctr. (Knox)	2.96%	University of Tennessee Med. Ctr. (Knox)	3.00%
University of Tennessee Med. Ctr. (Knox)	2.79%	Erlanger Medical Center (Hamilton)	2.62%	Erlanger Medical Center (Hamilton)	2.66%
Erlanger Medical Center (Hamilton)	2.44%	Baptist Memorial Hospital - Memphis (Shelby)	1.72%	St. Jude Children's Research Hospital (Shelby)	1.81%
Baptist Memorial Hospital - Memphis (Shelby)	1.57%	Methodist Healthcare - University (Shelby)	1.52%	Baptist Memorial Hospital - Memphis (Shelby)	1.59%
Methodist Healthcare - University (Shelby)	1.56%	TriStar Centennial Medical Center (Davidson)	1.49%	TriStar Centennial Medical Center (Davidson)	1.50%
TriStar Centennial Medical Center (Davidson)	1.36%	Chattanooga Orthopaedic Group	1.37%	Chattanooga Orthopaedic Group (Hamilton)	1.40%
St. Jude Children's Research Hospital (Shelby)	1.35%	St. Jude Children's Research Hospital (Shelby)	1.36%	Methodist Healthcare - University (Shelby)	1.38%
Holston Valley Imaging Center (Sullivan)	1.25%	Holston Valley Imaging Center (Sullivan)	1.26%	Outpatient Diag. Ctr. of Nashville (Davidson)	1.32%
One Hundred Oaks Imaging	1.16%	Maury Regional Medical Center	1.26%	Elite Sports Medicine (Davidson)	1.27%

Top Ten Counties With the Most MRI Procedures Performed by Health Care Providers (By Calendar Year)					
2016		2017		2018	
Davidson	19.99%	Davidson	20.63%	Davidson	22.42%
Shelby	15.60%	Shelby	16.67%	Shelby	16.14%
Knox	14.63%	Knox	12.32%	Knox	11.86%
Hamilton	8.49%	Hamilton	9.05%	Hamilton	9.05%
Rutherford	4.44%	Rutherford	4.60%	Rutherford	5.01%
Sullivan	3.95%	Sullivan	4.44%	Sullivan	4.39%
Madison	3.90%	Madison	3.72%	Madison	3.54%
Williamson	2.27%	Williamson	2.30%	Lawrence	3.00%
Putnam	2.14%	Putnam	2.22%	Williamson	2.41%
Washington	2.08%	Washington	2.01%	Washington	2.36%
210 MRI Provider Top 10 Counties account for 77.49% of all procedures		210 MRI Providers Top 10 Counties account for 77.96% of all procedures		210 MRI Providers Top 10 Counties account for 80.18% of all procedures	

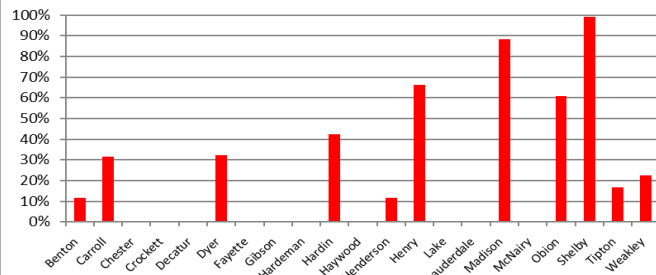
**Percent of County Residents Having MRI Procedures Done Within Their County - East Tennessee**  
Calendar Year 2018



**Percent of County Residents Having MRI Procedures Done Within Their County- Middle Tennessee**  
Calendar Year 2018



**Percent of County Residents Having MRI Procedures Done Within Their County - West Tennessee**  
Calendar Year 2018

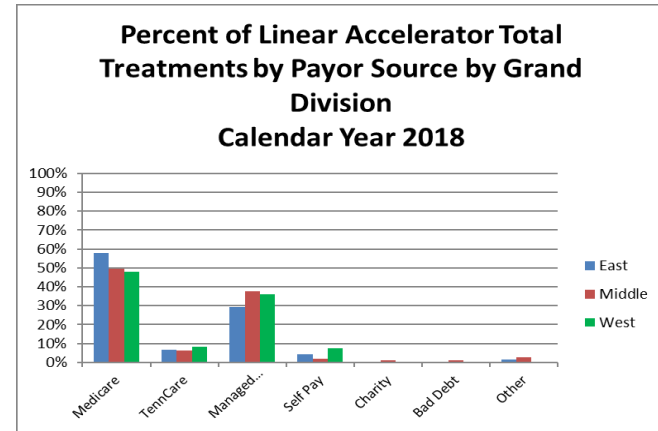
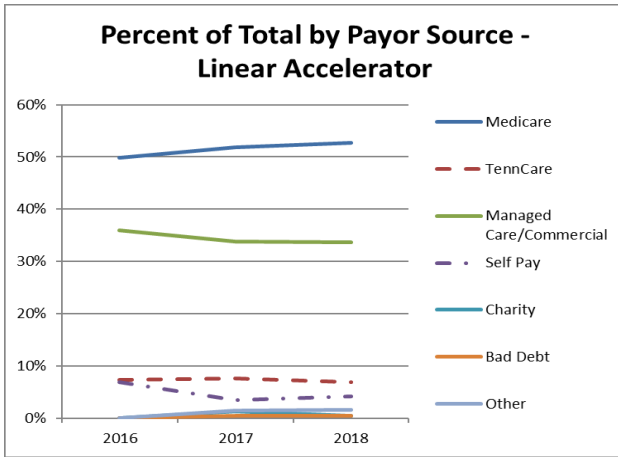


**Counties with MRI Service**



Red = Fixed Unit    Green = Mobile Unit    Blue = Both Fixed Unit and Mobile Unit

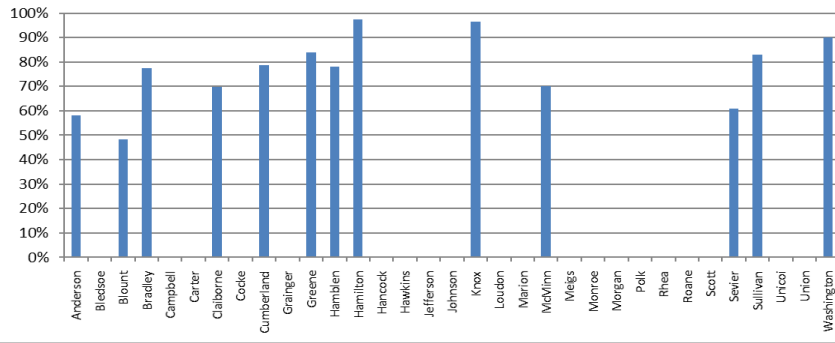
## Linear Accelerator



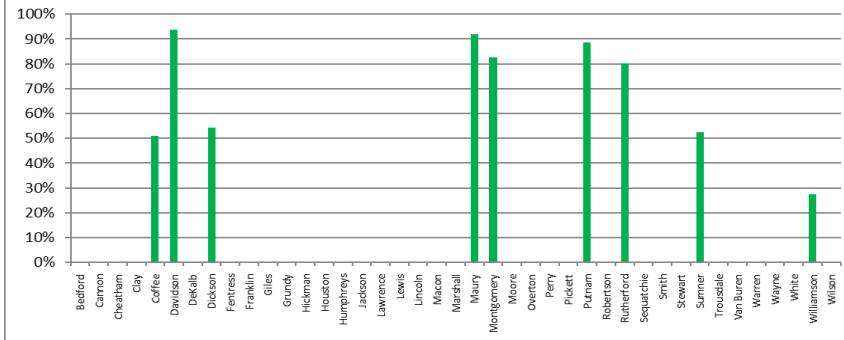
Top Ten Health Care Providers With the Most Linear Accelerator Treatments Performed					
(By Calendar Year)					
2016		2017		2018	
Vanderbilt University Hospital (Davidson)	7.79%	Vanderbilt University Hospital (Davidson)	7.21%	Kirkland Cancer Center (Madison)	5.89%
Memorial Hospital (Hamilton)	5.66%	Memorial Hospital (Hamilton)	6.22%	Vanderbilt University Med. Ctr. (Davidson)	5.75%
Kirkland Cancer Center (Madison)	5.24%	Kirkland Cancer Center (Madison)	5.08%	Memorial Hospital (Hamilton)	5.60%
West Cancer Center (Shelby)	4.87%	West Cancer Center (Shelby)	4.86%	West Cancer Center (Shelby)	4.90%
Johnson City Medical Center (Washington)	4.87%	University of Tennessee Med. Ctr. (Knox)	4.81%	Johnson City Medical Center (Washington)	4.74%
University of Tennessee Med. Ctr. (Knox)	4.51%	Johnson City Medical Center (Washington)	4.78%	University of Tennessee Med. Ctr. (Knox)	4.55%
Methodist Healthcare - University (Shelby)	3.69%	Erlanger Medical Center (Hamilton)	3.54%	Maury Regional Medical Center (Maury)	4.29%
Maury Regional Medical Center (Maury)	3.34%	Maury Regional Medical Center (Maury)	3.53%	St. Thomas Rutherford Hospital (Rutherford)	3.62%
St. Thomas Rutherford Hospital (Rutherford)	3.24%	Cookeville Regional Medical Center (Putnam)	3.24%	Erlanger Medical Center (Hamilton)	3.23%
Cookeville Regional Medical Center (Putnam)	3.13%	Methodist Healthcare - University (Shelby)	3.16%	Cookeville Regional Medical Center (Putnam)	3.16%

Top Ten Counties With the Most Linear Accelerator Treatments Performed by Health Care Providers					
(By Calendar Year)					
2016		2017		2018	
Davidson	16.30%	Davidson	14.81%	Davidson	14.31%
Shelby	12.95%	Shelby	13.23%	Shelby	12.90%
Knox	11.41%	Knox	12.72%	Knox	11.77%
Hamilton	9.27%	Hamilton	10.21%	Hamilton	9.63%
Madison	6.02%	Sullivan	5.88%	Madison	6.43%
Sullivan	5.66%	Madison	5.63%	Sullivan	5.46%
Washington	4.87%	Washington	4.78%	Washington	4.74%
Rutherford	4.27%	Maury	4.23%	Rutherford	4.58%
Maury	4.02%	Putnam	3.24%	Putnam	3.16%
Putnam	3.13%	Rutherford	2.78%	Montgomery	1.95%
52 Providers		51 Providers		51 Providers	
Top 10 Counties account for 77.90% of all treatments		Top 10 Counties account for 77.51% of all treatments		Top 10 Counties account for 74.93% of all treatments	

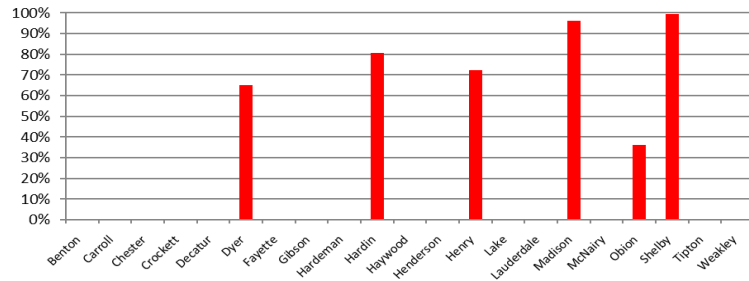
**Percent of County Residents Having Linear Accelerator Treatments Done Within Their County -  
East Tennessee  
Calendar Year 2018**



**Percent of County Residents Having Linear Accelerator Treatments Done Within Their County-  
Middle Tennessee  
Calendar Year 2018**



**Percent of County Residents Having Linear Accelerator Treatments Done Within Their County -  
West Tennessee  
Calendar Year 2018**

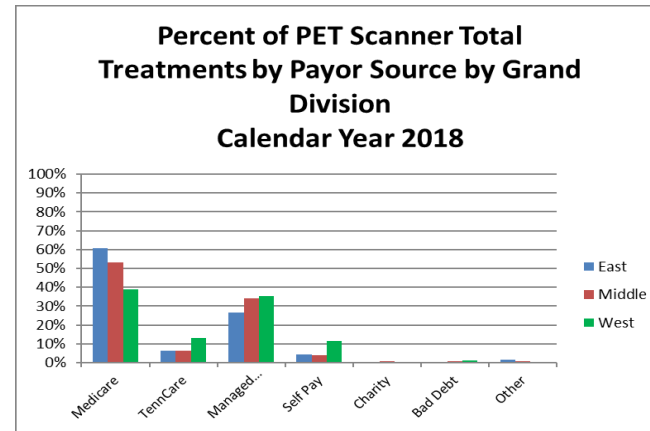
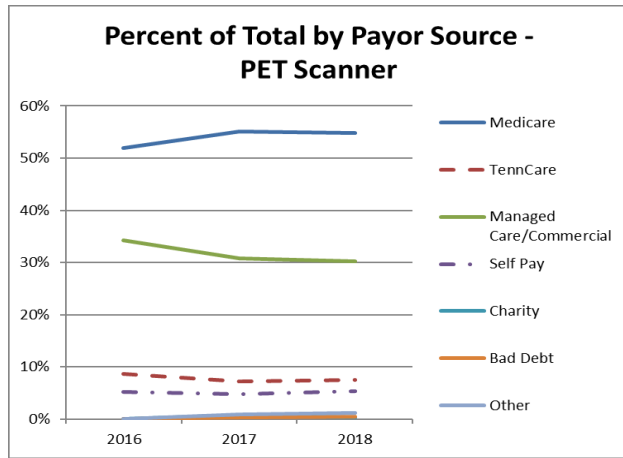


**Counties with Linear Accelerator Service**



*Blue = Fixed Unit Only*

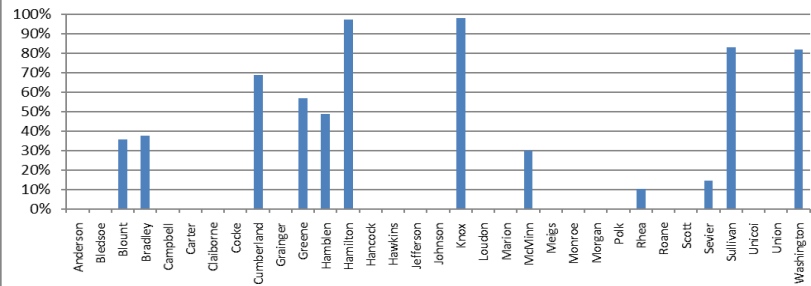
### Positron Emission Tomography (PET) Scanner



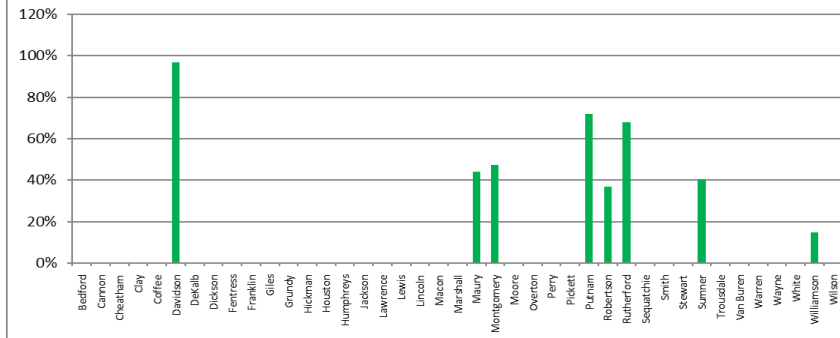
Top Ten Health Care Providers With the Most PET Scanner Procedures Performed (By Calendar Year)									
2016			2017			2018			
University of Tennessee Medical Center (Knox)	12.87%		University of Tennessee Medical Center (Knox)	12.30%		University of Tennessee Medical Center (Knox)	11.67%		
Vanderbilt University Hospital (Davidson)	10.47%		Vanderbilt University Hospital (Davidson)	8.22%		Vanderbilt University Hospital (Davidson)	8.37%		
Tennessee PET Scan Center (Rutherford)	5.25%		Memorial Hospital (Hamilton)	5.52%		Memorial Hospital (Hamilton)	5.30%		
West Cancer Center (Shelby)	4.77%		Tennessee PET Scan Center (Rutherford)	5.27%		West Cancer Center (Shelby)	4.16%		
Johnson City Medical Center (Washington)	4.72%		West Cancer Center (Shelby)	4.90%		Johnson City Medical Center (Washington)	3.98%		
Memorial Hospital (Hamilton)	4.37%		Johnson City Medical Center (Washington)	4.35%		St. Jude Children's Research Hospital (Shelby)	3.34%		
Holston Valley Medical Center (Sullivan)	3.53%		Imaging Alliance, Nashville PET (Davidson)	3.24%		East Tennessee Diagnostic Center (Knox)	3.21%		
Tennessee Oncology, PET Services (Davidson)	3.31%		Tennessee Oncology, PET Services (Davidson)	3.09%		Tennessee Oncology, PET Services (Davidson)	3.15%		
Imaging Alliance, Nashville PET (Davidson)	3.14%		Holston Valley Medical Center (Sullivan)	3.01%		Holston Valley Medical Center (Sullivan)	3.14%		
Baptist Memorial Hospital - Memphis (Shelby)	3.04%								

Top Five Counties With the Most PET Scanner Procedures Performed by Health Care Providers (By Calendar Year)					
2016		2017		2018	
Knox	22.73%	Knox	23.13%	Knox	22.75%
Davidson	20.64%	Davidson	18.85%	Davidson	19.51%
Shelby	14.58%	Shelby	13.37%	Shelby	12.87%
Hamilton	8.69%	Hamilton	10.28%	Hamilton	10.69%
Sullivan	6.60%	Sullivan	7.05%	Sullivan	7.30%
46 Providers		44 Providers		43 Providers	
Top 5 Counties account for 73.16% of all procedures		Top 5 Counties account for 72.68% of all procedures		Top 5 Counties account for 73.12% of all procedures	

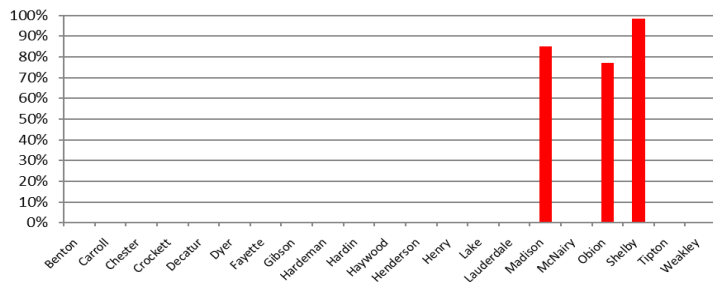
**Percent of County Residents Having PET Scanner  
Procedures Done Within Their County -  
East Tennessee  
Calendar Year 2018**



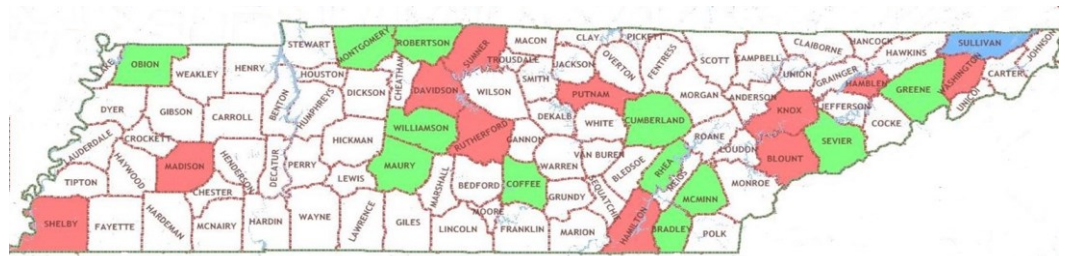
**Percent of County Residents Having PET Scanner  
Procedures Done Within Their County-  
Middle Tennessee  
Calendar Year 2018**



**Percent of County Residents Having PET Scanner  
Procedures Done Within Their County -  
West Tennessee  
Calendar Year 2018**



**Counties with PET Scanner Service**



**Red = Fixed Unit    Green = Mobile Unit    Blue = Both Fixed Unit and Mobile Unit**

## Mega Voltage Radiation - Gamma Knife/Cyberknife/Proton Therapy



### Counties with Mega Voltage Radiation Service



Grid: Blue = Cyberknife    Green = Gamma Knife    Yellow = Proton Therapy    Red = Combination of the Three Types